Listing of Claims

The following is a copy of Applicant's claims that identifies language being added with underlining and language being deleted with strikethrough, as is applicable:

1.   (Previously Presented) A method to provide a service in a controlled run-time environment, comprising:

registering a proxy service in said controlled run-time environment wherein said proxy service implements an interface defined according to said controlled run-time environment configured to services operating in said controlled run-time environment to interoperate with said proxy service;

receiving service information by said proxy service from a local service executing in said controlled run-time environment via an interface method of said proxy service;

communicating said service information to a remote service from said proxy service;

receiving processed information from said remote service in response to said communicating; and

returning said processed information to said local service from said proxy service.

2.   (Original) The method of claim 1 further comprising:

instantiating, by said controlled run-time environment, an object of a class that defines said proxy service.

3.   (Original) The method of claim 2 further comprising:

instantiating, by said controlled run-time environment, said object in a partition; and

enabling, by said controlled run-time environment, only services operating in said partition to access said proxy service.

4.   (Original) The method of claim 1 wherein said communicating service information comprises:

encapsulating said service information in an extensible mark-up language (XML) file.

5.   (Original) The method of claim 1 further comprising:

exposing, by said controlled run-time environment, said proxy service only when access is permitted according to security parameters.

6.   (Original) The method of claim 5 wherein said exposing comprises:

determining user-level authorization from said security parameters.

7.   (Original) The method of claim 5 wherein said exposing comprises:

determining process-level authorization from said security parameters.

8.   (Original) The method of claim 1 further comprising:

creating a log of access to said remote service.

9.   (Original) The method of claim 1 wherein said communicating said

service information comprises:

performing a remote procedure call.

10.   (Currently Amended) A system to provide a modular software

service, the system having a processor and comprising:

controlled run-time environment means for managing processes;

service registry means for registering services operating in said controlled

run-time environment means, wherein at least one registered service is a proxy

service means;

said proxy service means implementing an interface defined according to

said controlled run-time environment means for enabling services operating in

said controlled run-time environment means to interoperate with said proxy

service means, said proxy service means comprising:

means for receiving service information by said proxy service means from

a local service executing in said controlled run-time environment means;

means for communicating said service information to a remote service from said proxy service means;

means for receiving processed information from said remote service in response to said communicated service information; and

means for returning said processed information to said local service.

11.   (Original) The system of claim 10 wherein said proxy service means further comprises:

means for verifying said service information that is operable before said means for communicating.

12.   (Original) The system of claim 10 wherein said proxy service means further comprises:

means for communicating with a distributed service registry to identify said remote service.

13.   (Original) The system of claim 10 wherein said controlled run-time environment means instantiates said object in a partition and only permits services operating in said partition to access said proxy service.

14.   (Original) The system of claim 10 where said controlled run-time environment means comprises:

security management means for exposing said proxy service only when said security management means determines access is permitted according to security parameters.

15.   (Original) The system of claim 10 wherein said controlled run-time environment means comprises:

logging means for creating a log of access to said remote service.

16.   (Original) The system of claim 10 wherein said means for communicating performs a remote procedure call.

17.   (Currently Amended) A computer-readable storage medium that comprises executable instructions for providing a service in a controlled run-time environment, said executable instructions comprising:

code for registering a proxy service in said controlled run-time environment wherein said proxy service implements an interface defined according to said controlled run-time environment to enable services operating in said controlled run-time environment to interoperate with said service;

code for receiving service information by said proxy service from a local service executing in said controlled run-time environment via a method of said proxy service;

code for communicating said service information to a remote service from said proxy service;

code for receiving processed information from said remote service in response to said communicating; and

code for returning said processed information to said local service from said proxy service.

18.   (Currently Amended) The computer-readable <u>storage</u> medium of claim 17 wherein said proxy service is an object of a class that is instantiated by said controlled run-time environment.

19.   (Currently Amended) The computer-readable <u>storage</u> medium of claim 17 wherein said executable instructions further comprise:

code for verifying said service information before said code for communicating is operable.

20.   (Currently Amended) The computer-readable <u>storage</u> medium of claim 17 wherein said executable instructions further comprise:

code for communicating with a distributed service registry to identify said remote service.